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Comments: Forward to Examiner Crane.

For discussion purposes only.

EXAMINER L. ERIC CRANE
DISCUSSION POINTS - NOT TO BE ENTERED IN FILE

In re Application of:)	
)	
Mark E. DAVIS et al.)	
)	
Application No.: 09/339,818)	Group Art Unit: 1623
)	
Filed: June 25, 1999)	Examiner: L. Crane
)	
For: LINEAR CYCLODEXTRIN)	
COPOLYMERS)	

Attorney Docket No. 038134-5001-01

1. Claim 1 allowable.

2. Submit clean copies of schemes in specification, as amended.

3. Claim 47

47. (New) A linear cyclodextrin copolymer comprising substituted or unsubstituted, cyclodextrin moieties bifunctionally bound in the linear copolymer backbone, through the number 2, 3, or 6 position of at least one glucopyranose ring of the cyclodextrin, to bifunctional moieties linking the cyclodextrins of the linear cyclodextrin polymer.

Claim 47 format modeled after prior cyclodextrin patents examined by Examiner Crane.

U.S. Patent No. 6,060,597:

1. A cyclic oligosaccharide or salts thereof formed of glucoses bound cyclically via α -1,6-linkages and having at least one S-oxo group bound thereto.

U.S. Patent No. 5,698,535:

1. A solid inclusion complex which is stable in its solid form consisting of N-morpholino-N-nitrosaminoacetate and β CD, gamma CD, or α CD cyclodextrins or their hydroxypropylated or methylated derivatives also containing anions as a catalyst or stabilizer and cations, wherein said inclusion complex does not contain 3-morpholino-syndonimine and no more than about 0.7% of cyanomethylene-amino morpholine.

4. Method of treatment claims 50, 52, 53, and 55

Consider canceling. Rewriting as method of delivery, e.g.

A method of delivery a therapeutic agent comprising the step of administering to a patient in need thereof a therapeutic composition of claim ____.

5. "Biodegradable"

Disulfide linkages, -SS-, are biodegradable.

-HNC(O)(CH₂)_xSS(CH₂)_xC(O)NH-,
 -*H₂N(CH₂)_xSS(CH₂)_xNH₂⁺ -,
 -HNC(O)(CH₂CH₂O)_xCH₂CH₂SS(CH₂CH₂O)_xCH₂CH₂C(O)NH-,
 -SCH₂CH₂NHC(NH₂⁺)(CH₂)_xSS(CH₂)_xC(NH₂⁺)NHCH₂CH₂S-,

6. "Acid labile"

Examples of acid labile linkages:

-HNC(NH₂⁺)(CH₂CH₂O)_xCH₂CH₂C(NH₂⁺)NH-,
 -SCH₂CH₂NHC(NH₂⁺)(CH₂)_xC(NH₂⁺)NHCH₂CH₂S-,
 -SCH₂CH₂NHC(NH₂⁺)(CH₂)_xSS(CH₂)_xC(NH₂⁺)NHCH₂CH₂S-,